

ARIZONA MONTHLY CROPS



Arizona Agricultural Statistics Service
and University of Arizona, College of Agriculture
3003 N Central Avenue, Suite 950
Phoenix, Arizona 85012-2994
Phone: (602) 280-8850 Fax: (602) 280-8897
www.usda.gov/nass/az



AUGUST 16, 1999

COTTON: AREA HARVESTED, YIELD, AND PRODUCTION

STATE	Area harvested		Yield per acre		Production 1/	
	1998	1999	1998	1999	1998	Forecasted August 1, 1999
<hr/>						
	1,000 acres		Pounds		1,000 bales 2/	
<u>UPLAND</u>						
AL	475.0	560.0	559	711	553.0	830.0
AZ	248.0	239.0	1,177	1,115	608.0	555.0
AR	900.0	930.0	645	743	1,209.0	1,440.0
CA	620.0	585.0	887	1,067	1,146.0	1,300.0
FL	80.0	88.0	489	524	81.5	96.0
GA	1,280.0	1,450.0	578	629	1,542.0	1,900.0
KS	16.5	28.0	404	411	13.9	24.0
LA	525.0	565.0	586	697	641.0	820.0
MS	940.0	1,180.0	737	773	1,444.0	1,900.0
MO	357.0	445.0	471	593	350.0	550.0
NM	60.3	67.0	640	716	80.4	100.0
NC	705.0	870.0	699	687	1,026.0	1,245.0
OK	120.0	190.0	560	531	140.0	210.0
SC	286.0	315.0	587	686	350.0	450.0
TN	445.0	595.0	589	589	546.0	730.0
TX	3,300.0	5,000.0	524	509	3,600.0	5,300.0
VA	91.0	109.0	765	819	145.1	186.0
U.S.	10,448.8	13,216.0	619	641	13,475.9	17,636.0

AMERICAN-PIMA

AZ	15.5	11.2	830	776	26.8	18.1
CA	180	259	941	1,075	352.8	580
NM	7.3	7	658	651	10	9.5
TX	32	39	791	738	52.7	60
U.S.	234.8	316.2	904	1,013	442.3	667.6

1/ Production ginned and to be ginned. 2/ 480-lb net weight bales.

AREA HARVESTED, YIELD, AND PRODUCTION, ARIZONA AND UNITED STATES

CROP	UNIT	ARIZONA			UNITED STATES		
		1998	Forecasted August 1, 1999	1999 as % of 1998	1998	Forecasted August 1, 1999	1999 as % of 1998
<u>WINTER WHEAT</u> 1/ 2/							
Harvested	Thou acres	8	8	100	40,126	35,609	89
Yield per acre	Pounds	5,400	5,460		2,814	2,844	
Production	Thou Tons	22	22	100	56,418	50,657	90
<u>BARLEY</u>							
Harvested	Thou acres	56	62	111	5,867	4,834	82
Yield per acre	Pounds	5,280	5,472		2,885	2,794	
Production	Thou tons	148	170	115	8,459	6,753	80
<u>CORN</u>							
Harvested	Thou acres	30	30	100	72,604	70,955	98
Yield per acre	Pounds	9,800	10,640		7,526	7,543	
Production	Thou tons	147	160	109	273,310	267,706	98
<u>ALFALFA HAY</u>							
Harvested	Thou acres	200	200	100	23,642	23,968	101
Yield per acre	Tons	8.00	7.80		3.47	3.47	
Production	Thou tons	1,600	1,560	98	82,010	83,160	101
<u>OTHER HAY</u>							
Harvested	Thou acres	40	50	125	36,374	38,083	105
Yield per acre	Tons	3.50	3.60		1.91	2.04	
Production	Thou tons	140	180	129	69,328	77,609	112

1/ For Arizona, wheat other than Durum. 2/ Estimates for current year carried forward from earlier forecast.

DURUM WHEAT: AREA HARVESTED, YIELD, AND PRODUCTION, BY STATE AND UNITED STATES

STATE	Area harvested		Yield 1/			Production 1/	
	1998	Forecasted August 1, 1999	1998	1999		1998	1999
				July 1	Forecasted August 1		
1,000 acres		Pounds			Tons		
AZ 2/	144	75	6,300	5,700	5,700	453,600	213,750
CA 2/	175	85	5,400	6,000	6,000	472,500	255,000
MN	5	9	2,220	2,280	2,280	5,550	10,260
MT	430	390	1,680	1,800	1,680	361,200	327,600
ND	2,950	3,300	1,980	1,800	1,560	2,920,500	2,574,000
SD	24	39	1,560	1,680	1,680	18,720	32,760
U.S.	3,728	3,898	2,268	1,962	1,752	4,232,070	3,413,370

1/ Converted from bushels.

2/ Estimates for current year carried forward from earlier forecast.

COMMERCIAL APPLES: TOTAL PRODUCTION

STATE	Total production 1/		
	1997	1998	Forecasted August 1, 1999
	Million pounds		
AZ	45.0	46.0	40.0
AR	7.2	4.5	7.2
CA	962.0	815.0	825.0
CO	35.0	65.0	15.0
CT	24.0	17.5	22.0
DE 2/			
GA	15.0	11.0	12.0
ID	110.0	170.0	90.0
IL	74.0	45.0	75.0
IN	50.0	54.0	60.0
IA	13.0	8.7	9.0
KS	7.5	1.6	6.1
KY	6.5	11.0	14.0
ME	64.0	44.5	52.0
MD	46.0	34.6	37.0
MA	60.0	29.0	57.0
MI	1,000.0	970.0	1,050.0
MN	22.0	23.8	24.0
MO	53.0	34.0	44.0
NH	40.5	19.0	41.0
NJ	55.0	55.0	55.0
NM 3/	7.0	8.0	
NY	1,120.0	1,070.0	1,210.0
NC	152.0	185.0	188.0
OH	60.0	80.0	100.0
OR	160.0	180.0	160.0
PA	535.0	395.0	500.0
RI	3.6	2.6	3.1
SC	60.0	45.0	38.0
TN	10.0	12.5	12.0
UT	42.0	49.0	14.0
VT	50.0	35.0	50.0
VA	270.0	280.0	360.0
WA	5,000.0	6,400.0	5,195.0
WV	115.0	110.0	120.0
WI	49.5	76.1	77.4
U.S.	10,323.8	11,387.4	10,562.8

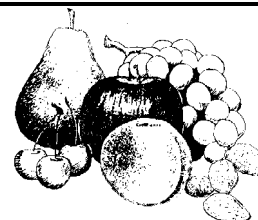
1/ In orchards of 100 or more bearing age trees.

2/ Forecast discontinued for 1997.

3/ Forecast discontinued in 1996.

GRAPES: TOTAL PRODUCTION

STATE	Total production		
	1997	1998	Forecasted August 1, 1999
	Tons		
AZ	25,000	23,000	8,000
AR	6,500	4,550	5,600
CA	6,648,000	5,373,000	5,900,000
GA	2,600	3,200	3,800
MI	61,000	70,400	65,000
MO	1,950	2,200	2,500
NY	139,000	128,000	186,000
NC	950	1,500	1,600
OH	6,900	6,100	8,600
OR	18,500	14,700	19,500
PA	61,000	54,000	71,000
SC	500	300	300
WA	319,000	222,000	285,000
U.S.	7,290,900	5,902,950	6,556,900



HONEYDEWS: AREA FOR HARVEST, SUMMER SEASON

STATE	Usual harvest period	Area			1999 as % of 1998
		Harvested		For harvest 1999	
		1997	1998		
Acres					
AZ	Jun -Jul	2,400	2,400	2,800	117
CA	July-Sept	13,500	13,300	16,500	124
Total		15,900	15,700	19,300	123

SPRING ONIONS: AREA PLANTED AND HARVESTED, YIELD, PRODUCTION, AND VALUE

STATE	Area planted		Area harvested		Yield per acre		Production		Value per cwt	Total value
	1998	1999	1998	1999	1998	1999	1998	Indicated 1999	1998	1998
	Acres				Cwt		1,000 cwt		Dollars	1,000 dol
AZ	2,500	2,700	2,500	2,700	470	445	1,175	1,202	15.30	17,978
CA	9,400	7,500	9,100	7,300	445	438	4,050	3,197	14.10	57,105
GA	15,000	16,000	13,900	14,500	160	190	2,224	2,755	30.90	68,722
TX	12,000	13,800	11,400	13,000	255	300	2,907	3,900	21.70	63,082
Total	38,900	40,000	36,900	37,500	281	295	10,356	11,054	20.00	206,887

**AGRICULTURAL CHEMICAL USAGE
1998 VEGETABLE SUMMARY, ARIZONA**

FERTILIZER USE: PERCENT OF ACRES TREATED AND TOTAL AMOUNT APPLIED

CROP	Planted Acreage	Percent of Acres Treated and Total Applied					
		Nitrogen		Phosphate		Potash	
	Acres	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs
Broccoli	11,500	100	3,150	89	2,436	12	30
Carrots	2,500	100	740	100	770	89	54
Cauliflower	3,900	100	1,278	95	1,849	33	15
Lettuce, Head	54,600	99	19,581	94	13,327	10	249
Lettuce, Other	16,800	100	6,267	92	4,072	21	66
Cantaloupe	18,500	100	3,708	81	1,861	5	19
Honeydew	3,900	89	605	75	374	3	6
Watermelon	7,300	100	1,311	73	516	24	32
Onions	2,500	100	528	99	570		

PESTICIDE: TOTAL ACREAGE, PERCENT OF AREA RECEIVING APPLICATIONS, AND TOTAL APPLIED

CROP	Planted Acreage	Area Receiving and Total Applied							
		Herbicide		Insecticide 1/		Fungicide		Other Chemical	
	Acres	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs
Broccoli	11,500	80	26.7	70	9.8	41	8.0		
Carrots 2/	2,500								
Cauliflower 2/	3,900			96	5.0	60	5.3		
Lettuce, Head 2/	54,600	51	55.3	91	111.6	77	142.3		
Lettuce, Other	16,800	65	40.4	99	37.6	94	56.2	3	1.3
Cantaloupe 2/	18,500	74	38.0	59	13.3	55	48.1		
Honeydew 2/	3,900	45	5.9	61	2.0	74	4.4		
Watermelon	7,300	40	13.1	25	1.4	76	6.6	38	183.6
Onions, Dry	2,500	88	7.5	86	0.8	79	7.8		

1/ Total applied excludes Bt's (*Bacillus thuringiensis*). Quantities are not available because amounts of active ingredient are not comparable between products.

2/ Insufficient reports to publish data for one or more of the pesticide classes.

IRRIGATED CROPLAND RENTED FOR CASH: AVERAGE CASH RENT PER ACRE, ARIZONA AND SURROUNDING STATES

STATE	1995	1996	1997	1998	1999
AZ	87.40	94.60	112.00	134.00	145.00
CA	189.60	210.00	218.00	235.00	260.00
CO	1/	1/	1/	90.00	100.00
NM	88.00	1/	1/	1/	1/
UT	50.90	60.00	60.00	60.00	58.00

1/ Insufficient data.

PUBLISHED MONTHLY

Subscription to "Arizona Livestock" is free to reporters upon request and available for \$10 per year to non-reporters. Send request for order forms or address changes to Arizona Agricultural Statistics Service, 3003 N Central Ave., Suite 950, Phoenix, Arizona 85012-2994. Releases are also available through our web site @ www.usda.gov/nass/az

Wilbur Sherman, State Statistician
Eddie Oaks, Technical Leader
Clare Jervis, Agricultural Statistician
Ty Kalaus, Agricultural Statistician
Joel Lehman, Agricultural Statistician
Tim Payne, Agricultural Statistician

**1998 ARIZONA AGRICULTURAL STATISTICS
AVAILABLE NOW**

The 1998 edition of "Arizona Agricultural Statistics" became available July 30, 1999. The bulletin contains state and county estimates of Arizona crop and livestock production for the past five years. The publication is available at no charge. If you would like a copy and are not already on our mailing list to receive a copy, please call or write our office.

RELEASE DATES FOR UPCOMING NATIONAL REPORTS

August 20 Farm Labor
August 31 Agricultural Prices
September 10 Cotton Ginnings

PRICES RECEIVED INDEX DROPS 4 POINTS

The All Farm Products Index of Prices Received in July was 94 based on 1990-92=100, down 4 points (4.1 percent) from June. Price decreases from June for corn, wheat, hogs, and cattle more than offset price increases for milk, potatoes, oranges, and asparagus. The seasonal changes in the mix of commodities farmers sell also affect the overall index. Lower seasonal marketings of milk, cantaloupes, oranges, and potatoes more than offset the relatively higher marketings of grapes, wheat, tomatoes, and grain sorghum.

Compared with July 1998, the All Farm Products Index was 8 points (7.8 percent) lower. Price decreases from July 1998 for corn,

soybeans, broilers, and wheat more than offset price increases for cattle, turkeys, potatoes, and oranges.

PRICES PAID INDEX DOWN 1 POINT

The July Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 116 percent of the 1990-92 average. The index was down 1 point from June but unchanged from July 1998. Since June, lower prices for feed grains, feeder pigs, hay and forages, nitrogen fertilizers, and feed supplements were partially offset by higher prices for feeder cattle, insecticides, diesel fuel, feed concentrates, and gasoline.

PRICES RECEIVED BY FARMERS: ARIZONA AND U.S., JULY 1998 AND 1999 AND JUNE 1999

COMMODITY	UNIT	ARIZONA			UNITED STATES		
		July 1998 Entire Mo.	June 1999 Entire Mo.	July 1999 Mid-Mo.	July 1998 Entire Mo.	June 1999 Entire Mo.	July 1999 Mid-Mo.
Upland Cotton 1/	¢ Lb	3/	3/	3/	68.0	55.5	54.9
All Wheat 2/	\$ Cwt	---	---	---	2.56	2.50	2.15
Durum Wheat 2/	\$ Cwt	---	---	---	3.37	2.93	2.87
Winter Wheat 2/	\$ Cwt	---	---	---	2.48	2.32	2.07
All Hay Baled	\$ Ton	84.00	94.00	86.00	5/ 88.60	5/ 81.70	78.40
Alfalfa Hay Baled	\$ Ton	84.00	94.00	86.00	5/ 93.40	5/ 85.00	82.00
Other Hay Baled	\$ Ton	114.00	85.00	82.00	5/ 72.70	5/ 68.50	65.30
Grapefruit 4/	\$ Box	14.90	15.80	15.30		18.60	19.20
Cows 5/	\$ Cwt	34.50	34.70	37.20	34.70	36.70	38.20
Steers and Heifers	\$ Cwt	59.30	65.60	63.70	61.00	66.70	64.60
Beef Cattle 6/	\$ Cwt	58.80	65.30	63.40	58.40	63.70	62.10
Calves	\$ Cwt	75.50	86.10	83.20	76.60	89.00	88.50
All Milk 7/	\$ Cwt	13.80	12.50	13.00	14.20	13.10	13.60

1/ Includes both spot and contract sales.

2/ Not available for Arizona.

3/ Mid-month.

4/ F.O.B. packed fresh Arizona box weights: Grapefruit 67 lbs., Oranges 75 lbs.

5/ Beef cows and cull dairy cows sold for slaughter.

6/ 'Cows' and 'steers and heifers' combined.

7/ Preliminary; Before deductions for hauling. Includes quality, quantity and other premiums. Excludes hauling subsidies.

U.S. PRICE INDEX SUMMARY TABLE

INDEX 1990-92 = 100	1998		1999	
	June	July	June	July
Prices Received	102	102	98	94
Prices Paid 1/	117	116	117	116
Ratio 2/	87	88	84	81

1/ Ratio of index of prices received by farmers to index of prices paid.